

North Carolina Department of Environment and Natural Resources Division of Waste Management Dexter R. Matthews

Beverly Eaves Perdue Governor

Director

Dee Freeman Secretary

FACT SHEET SOLID WASTE PERMIT NUMBER 41-03-CDLF

FACILITY: City of Greensboro Construction and Demolition Debris Landfill

COUNTY: Guilford

Greensboro, North Carolina CITY:

OWNER & City of Greensboro 2503 White Street **OPERATOR:**

Greensboro, North Carolina 27405

DESCRIPTION

The City of Greensboro (City) owns and operates a construction and demolition landfill (C&DLF) unit on top of a closed municipal solid waste landfill (MSWLF) under Permit 41-03-CDLF and submitted an application for continued operation of the landfill in accordance with Solid Waste Management Rule 15A NCAC 13B .0547(4). The Division of Waste Management (Division) has determined that the proposed operations plan and waste acceptance plan for the next five-year phase of development of the C&DLF, the proposed closure and post-closure plan for the C&DLF, the corrective action plan to treat groundwater contamination associated with the closed MSWLF, and the documentation of public meetings and local government approval satisfied the requirements of the Solid Waste Management Rules as codified in 15A NCAC 13B .0531, et seq. and 15A NCAC 13B .1630 through .1637. A draft permit has been prepared for public review.

The City owns approximately 980 acres at the eastern end of White Street, designated as the White Street Landfill. The area includes both active and inactive solid waste management facilities. The C&DLF unit on top of the closed MSWLF that is the subject of this permit is referenced as Phase II of the White Street Landfill. Phase II was originally permitted in the late 1970s as a 135-acre, unlined MSWLF. A transition plan to close the unlined MSWLF and develop the remaining capacity as a C&DLF over the closed MSWLF was approved in 1996 and revised in 1997. Approximately 70 acres were permanently closed. The remaining 65 acres were permitted as a C&DLF over closed MSWLF in 1998.

No changes were proposed to increase the disposal volume or service area. The C&DLF was surveyed in 2010 and had a remaining gross capacity of approximately 1,327,604 cubic yards. Approximately 209,734 cubic yards will be required for the final cover system, leaving



1,117,870 cubic yards operating capacity for waste and for daily and intermediate cover. The estimated annual waste acceptance rate has dropped since the last permit review from approximately 130,000 cubic yards to the proposed 55,000 cubic yards. This has increased the remaining life of the C&DLF to approximately 20 years with landfill capacity reached in approximately 2030.

The C&DLF is permitted to dispose construction and demolition debris generated in the City of Greensboro and Guilford County consistent with local government solid waste management plan(s) and local government approval. The City Council of Greensboro (City Council) approved the submittal of an application for continued operation of the facility, as required by 15A NCAC 13B .0547(4)(a), in a resolution dated May 20, 2008.

A Corrective Action Plan to address groundwater contamination associated with the closed municipal waste landfill was prepared in accordance with the Solid Waste Management Rules .1635 through .1637. An Assessment of Corrective Measures for groundwater treatment was presented at public meetings held December 20, 2007, and June 7, 2008, prior to the selection of Monitored Natural Attenuation and Phytoremediation as the remedies for implementation. The draft permit contains conditions for the implementation, operation, and assessment of the action plan.

PERMIT STRUCTURE

The permit is divided into two parts, a Permit to Construct and a Permit to Operate. All areas in the approved landfill design have been constructed and a Permit to Construct is not being issued. A Permit to Operate is issued for 5-year increments of operation. Specific conditions are also included for the implementation, operation, and assessment of the groundwater Corrective Action Plan and post-closure care associated with the closed municipal solid waste landfill.

PUBLIC COMMENT PERIOD

North Carolina Solid Waste Management Rules require that the public be given an opportunity to comment on a draft permit for a modification to a permit involving a corrective action remedy selection for a municipal solid waste landfill. The 45-day comment period begins on February 12, 2012, and ends on March 29, 2012, at 5:00 pm.

The application and draft permit is available for review by appointment from 9:00 a.m. to 4:00 p.m., Monday through Friday, at the Division of Waste Management, 217 W. Jones Street in Raleigh. The administrative record including the application, fact sheet, and draft permit may be viewed online at http://portal.ncdenr.org/web/wm/sw. Select the "Public Notices" tab in the center of the page.

Persons wishing to comment on the draft permit or to object to the permit issuance should submit their comments in writing by 5:00 p.m., March 29, 2012. Comments should be sent to the address shown below and include the permit number. All comments received within the 45-day period will be considered in making the final determination regarding the permit. A final permit

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decision and response to comments will be prepared soon after the conclusion of the comment period.

PUBLIC HEARING

Public hearings have been conducted in accordance with the Solid Waste Management Rules to address the continued operation of the construction and demolition landfill and the Corrective Action Plan for the municipal solid waste landfill. The Division believes the pertinent issues involved in the permit decision were addressed in these hearings and does not plan to conduct a public hearing.

A request for a public hearing may be made during the public comment period by submitting a written request stating the nature of the issues proposed to be raised in the hearing. Requests must be received by 5:00 pm, March 29, 2012. The Division may hold a public hearing if there is a significant degree of public interest.

NOTIFICATION

Persons who want to receive notice of the final permit decision should make their request known in writing to the division contact.

DIVISION CONTACT

Comments and requests for additional information should be sent to:

Pat Backus, P. E. NC DENR - Division of Waste Management Solid Waste Section 1646 Mail Service Center Raleigh, NC 27699-1646

Telephone: (919) 707-8257 Email: <u>pat.backus@ncdenr.gov</u>